

POWER GENERATOR

EQUIPMENT

Technical Specifications Table-50Hz

SPECIFICATION TABLE										
Model		DCA-11SPDD-X	DCA-14SPDD	DCA-14SPDD-X	DCA-18SPDD	DCA-18SPDD-X	DCA-22SPDD	DCA-22SPDD-X	DCA-28SPDD	DCA-33SPDD
GENSET										
Output Rating kVA	Prime	10	12.5	12.8	16	16	20	20	25	30
	Standby	11	13.8	14	17.5	17.6	22	22	27.5	33
Output Rating kW	Prime	10	10	12.8	12.8	16	16	20	20	24
	Standby	11	11	14	14	17.6	17.6	22	22	26.4
Rate Frequency(HZ)						50				
Power Factor		0.8								
Rate Voltage(V)		230	400/230	230	400/230	230	400/230	230	400/230	400/230
Phase		1	3	1	3	1	3	1	3	3
Weight(KG)		460	460	560	560	640	640	650	650	720
Fuel Tank Capacity(L)		29	29	42	42	50	50	50	50	70
Fuel Consupction(L/H)		2.94	2.94	4	4.0	5.5	5.5	5.5	5.5	7.5
Diemension	L, mm	1380	1380	1550	1550	1750	1750	1750	1750	1870
	W, mm	680	680	740	740	740	740	740	740	740
	H, mm	760	760	850	850	860	860	860	860	960
ENGINE										
Model		DSR-3B11	DSR-3B11	DSR-4B12	DSR-4B12	DSR-4K9	DSR-4K9	DSR-4R95	DSR-4R95	DSR-4R90T
Type		InLined	InLined	InLined	InLined	InLined	InLined	InLined	InLined	InLined
Bore X Stroke, mm		85*90	85*90	85*95	85*95	90*100	90*100	95*100	95*100	90*100
Displacement (L)		1.532	1.532	2.156	2.156	2.544	2.544	2.836	2.836	2.544
Power(kWm)		12	12	17	17	23	23	28	28	29
Rate Speed(RPM)		1500								
Compress Ratio		18:1	18:1	18:1	18:1	18:1	18:1	18.5:1	18.5:1	18:1
Governor Type		Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
Cooling Method						Water				
Fuel Type		Diesel								
ALTERNATOR										
Model		DSR-10-1	DSR-10-3	DSR-13-1	DSR-13-3	DSR-16-1	DSR-16-3	DSR-20-1	DSR-20-3	DSR-24-3
IP Rating		IP23								
Rate frequency(HZ)						50				
Insulation / Tem. Rise		H / H								
Excitation Type						AVR				

POWER GENERATOR

Technical Specifications Table-50Hz

SPECIFICATION TABLE							
Model		DCA-44SPDD	DCA-55SPDD	DCA-66SPDD	DCA-83SPDD	DCA-110SPDD	DCA-138SPDD
GENSET							
Output Rating kVA	Prime	40	50	60	75	100	125
	Standby	44	55	66	82.5	110	138
Output Rating kW	Prime	32	40	48	60	80	100
	Standby	35.2	44	53	66	88	110
Rate Frequency(HZ)				50			
Power Factor		0.8					
Rate Voltage(V)		400/230	400/230	400/230	400/230	400/230	400/230
Phase		3	3	3	3	3	3
Weight(KG)		750	1020	1070	1380	1530	1640
Fuel Tank Capacity(L)		70	95	95	170	159	159
Fuel Consupction(L/H)		9.2	12.9	15.5	16.5	23.3	23.3
Diemension	L, mm	1870	2200	2350	2550	2700	2700
	W, mm	740	900	900	950	1050	1050
	H, mm	960	1120	1120	1200	1250	1250
ENGINE							
Model		DSR-4R95T	DSR-38DTJ50	DSR-38DTD60	DSR-40CD91A	DSR-48ECD90	DSR-48ECD120
Type		InLined	InLined	InLined	InLined	InLined	InLined
Bore X Stroke, mm		95*100	102*115	102*115	102*120	108*132	108*132
Displacement (L)		2.836	3.76	3.76	4	4.8	4.8
Power(kWm)		36	50	60	82	90	120
Rate Speed(RPM)		1500					
Compress Ratio		18.5:1	17.5:1	17.5:1	17:1	16.5:1	16.5:1
Governor Type		Mechanical	Mechanical	Electrical	Electrical	Electrical	Electrical
Cooling Method				Water			
Fuel Type		Diesel					
ALTERNATOR							
Model		DSR-32-3	DSR-40-3	DSR-48-3	DSR-60-3	DSR-72-3	DSR-96-3
IP Rating		IP23					
Rate frequency(HZ)		50					
Insulation / Tem. Rise		H / H					
Excitation Type		AVR					